

#6

RAW SEQUENCE LISTING

DATE: 09/06/2001

PATENT APPLICATION: US/09/588,921

TIME: 11:20:46

Input Set : N:\CrF3\RULE60\09588921.txt

Output Set: N:\CRF3\09062001\I588921.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Isaacs, John T.

7 Denmeade, Samuel R.

8 Christensen, S. Broger

9 Lilja, Hans

11 (ii) TITLE OF INVENTION: TISSUE SPECIFIC PRODRUG

13 (iii) NUMBER OF SEQUENCES: 14

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Fish & Richardson P.C.

17 (B) STREET: 225 Franklin Street

18 (C) CITY: Boston

19 (D) STATE: MA

20 (E) COUNTRY: USA

21 (F) ZIP: 02110-2804

ENTERED

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Diskette

25 (B) COMPUTER: IBM Compatible

26 (C) OPERATING SYSTEM: Windows 95

27 (D) SOFTWARE: FastSEQ for Windows Version 2.0b

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/09/588,921

C--> 31 (B) FILING DATE: 07-Jun-2000

33 (vii) PRIOR APPLICATION DATA:

34 (A) APPLICATION NUMBER: 09/081,707

35 (B) FILING DATE:

37 (A) APPLICATION NUMBER: 60/047,070

38 (B) FILING DATE: 19-MAY-1997

40 (viii) ATTORNEY/AGENT INFORMATION:

41 (A) NAME: Heibel, George E.

42 (B) REGISTRATION NUMBER: 42,648

43 (C) REFERENCE/DOCKET NUMBER: 07265/149001

45 (ix) TELECOMMUNICATION INFORMATION:

46 (A) TELEPHONE: 617/542-5070

47 (B) TELEFAX: 617/542-8906

50 (2) INFORMATION FOR SEQ ID NO: 1:

52 (i) SEQUENCE CHARACTERISTICS:

53 (A) LENGTH: 4 amino acids

54 (B) TYPE: amino acid

55 (D) TOPOLOGY: linear

57 (ii) MOLECULE TYPE: peptide

59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

61 Ser Lys Leu Gln

62 1

64 (2) INFORMATION FOR SEQ ID NO: 2:

66 (i) SEQUENCE CHARACTERISTICS:

67 (A) LENGTH: 4 amino acids

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68 (B) TYPE: amino acid
69 (D) TOPOLOGY: linear
71 (ii) MOLECULE TYPE: peptide
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
75 Ile Ser Tyr Gln
76 1
78 (2) INFORMATION FOR SEQ ID NO: 3:
80 (i) SEQUENCE CHARACTERISTICS:
81 (A) LENGTH: 4 amino acids
82 (B) TYPE: amino acid
83 (D) TOPOLOGY: linear
85 (ii) MOLECULE TYPE: peptide
87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
89 Lys Ser Lys Gln
90 1
92 (2) INFORMATION FOR SEQ ID NO: 4:
94 (i) SEQUENCE CHARACTERISTICS:
95 (A) LENGTH: 5 amino acids
96 (B) TYPE: amino acid
97 (D) TOPOLOGY: linear
99 (ii) MOLECULE TYPE: peptide
101 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
103 Ser Ser Lys Leu Gln
104 1 5
106 (2) INFORMATION FOR SEQ ID NO: 5:
108 (i) SEQUENCE CHARACTERISTICS:
109 (A) LENGTH: 5 amino acids
110 (B) TYPE: amino acid
111 (D) TOPOLOGY: linear
113 (ii) MOLECULE TYPE: peptide
115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
117 Lys Ile Ser Tyr Gln
118 1 5
120 (2) INFORMATION FOR SEQ ID NO: 6:
122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH: 5 amino acids
124 (B) TYPE: amino acid
125 (D) TOPOLOGY: linear
127 (ii) MOLECULE TYPE: peptide
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
131 Thr Lys Ser Lys Gln
132 1 5
134 (2) INFORMATION FOR SEQ ID NO: 7:
136 (i) SEQUENCE CHARACTERISTICS:
137 (A) LENGTH: 6 amino acids
138 (B) TYPE: amino acid
139 (D) TOPOLOGY: linear
141 (ii) MOLECULE TYPE: peptide
143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

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145 His Ser Ser Lys Leu Gln
146 1 5
148 (2) INFORMATION FOR SEQ ID NO: 8:
150 (i) SEQUENCE CHARACTERISTICS:
151 (A) LENGTH: 6 amino acids
152 (B) TYPE: amino acid
153 (D) TOPOLOGY: linear
155 (ii) MOLECULE TYPE: peptide
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
159 Asn Lys Ile Ser Tyr Gln
160 1 5
162 (2) INFORMATION FOR SEQ ID NO: 9:
164 (i) SEQUENCE CHARACTERISTICS:
165 (A) LENGTH: 6 amino acids
166 (B) TYPE: amino acid
167 (D) TOPOLOGY: linear
169 (ii) MOLECULE TYPE: peptide
171 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
173 Ala Thr Lys Ser Lys Gln
174 1 5
176 (2) INFORMATION FOR SEQ ID NO: 10:
178 (i) SEQUENCE CHARACTERISTICS:
179 (A) LENGTH: 7 amino acids
180 (B) TYPE: amino acid
181 (D) TOPOLOGY: linear
183 (ii) MOLECULE TYPE: peptide
185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
187 Glu His Ser Ser Lys Leu Gln
188 1 5
190 (2) INFORMATION FOR SEQ ID NO: 11:
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 7 amino acids
194 (B) TYPE: amino acid
195 (D) TOPOLOGY: linear
197 (ii) MOLECULE TYPE: peptide
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
201 Gln Asn Lys Ile Ser Tyr Gln
202 1 5
204 (2) INFORMATION FOR SEQ ID NO: 12:
206 (i) SEQUENCE CHARACTERISTICS:
207 (A) LENGTH: 7 amino acids
208 (B) TYPE: amino acid
209 (D) TOPOLOGY: linear
211 (ii) MOLECULE TYPE: peptide
213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
215 Glu Asn Lys Ile Ser Tyr Gln
216 1 5
218 (2) INFORMATION FOR SEQ ID NO: 13:
220 (i) SEQUENCE CHARACTERISTICS:

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221 (A) LENGTH: 7 amino acids
222 (B) TYPE: amino acid
223 (D) TOPOLOGY: linear
225 (ii) MOLECULE TYPE: peptide
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
229 Ala Thr Lys Ser Lys Gln His
230 1 5
232 (2) INFORMATION FOR SEQ ID NO: 14:
234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 7 amino acids
236 (B) TYPE: amino acid
237 (D) TOPOLOGY: linear
239 (ii) MOLECULE TYPE: peptide
241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
243 His Ser Ser Lys Leu Gln Leu
244 1 5

VERIFICATION SUMMARY

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L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]